

WESTON

MEMORANDUM

TO: Harco Property Site File
From: Paul F. Killian, ^{PPF} ROY F. WESTON, INC., Technical Assistance Team (TAT)
RE: Site Visit - January 28, 1992
Harco Property Site, Wilton, Connecticut
TDD #01-9201-01B, PCS #1719
DATE: March 5, 1992

The original scope of work for this site visit was to determine the extent of contamination at the Harco Property site in Wilton, Connecticut. The work to be performed was outlined in a Draft January 1992 Sampling Plan for Harco Property (Document Number 01-N-00991). TAT members Zoe Horton, Timothy Jones, and Paul Killian left for the site on January 27, 1991.

At 0700 hrs on January 28, 1992, On-Scene Coordinator (OSC) Paul Groulx met with TAT members Horton, Jones, and Killian to discuss the days events. Due to agreements made between the PRP, his consultant AES, Inc., and EPA in a meeting held the night before (January 27, 1992), the scope of work was modified by OSC Groulx. Since the PRP stated his intentions of assuming responsibility for cleaning up the site, EPA agreed to the site access restrictions requested by the PRP. These access restrictions allowed only one TAT member to accompany OSC Groulx onto the site. Therefore, the scope of work was modified as follows: TAT members Horton and Jones would research property deeds, while TAT member Killian would accompany OSC Groulx onto the site and conduct a site investigation.

Due to the access restrictions, the following modifications were made to the Sampling Plan:

- only the surface soil would be screened using the X-MET X-ray Fluorescence (XRF) instrumentation;
- the selection of the locations to screen with the XRF would be determined by the OSC on-site, and not by the grid method detailed in the Draft Sampling Plan; and
- only surface soil samples would be collected. Their locations would be based on the XRF results.





Detailed below is the chronological summary of events for the site visit. The events have been separated into DEED SEARCH which was performed by TAT members Horton and Jones, and SITE INVESTIGATION which was performed by OSC Groulx and TAT member Killian.

DEED SEARCH

- 0900 Hrs: TAT members Horton and Jones arrived at the Wilton Town Hall. There they obtained the names of the abutters from the Assessor's Office.
- 1000 Hrs: TAT members Horton and Jones researched the property deeds for the site at the Town Clerks Office. The Harco family had owned the property since the early 1900's, however, the property had been transferred within the family several times. During the time when the Harco family owned the property two subdivisions/purchases were attempted but failed.
- TAT members Horton and Jones determined that there is a right-of-way for Costa Stergue through lot #13, Tax Map #11, property that is still owned by the Harco family. This right-of-way is referenced in the deed found in Book 616, Page 27. The actual map is not registered at the Town Clerk's Office.
- TAT members Horton and Jones obtained a copy of a 1959 map showing the Harco Property site.
- 1300 Hrs: TAT members Horton and Jones visited the Town Planning and Zoning Office. There they viewed a subdivision plan for G + D Construction. The topographical survey for this subdivision plan was prepared in December 1985, by Ryan and Faulds, Wilton, CT (Tel. No. 203-762-9492).
- TAT members Horton and Jones discovered that a property map for the site was surveyed in 1968 by Roland Gardner, Wilton, CT (Tel. No. 203-762-3248).
- 1330 Hrs: TAT members Horton and Jones visited the Ryan and Faulds Surveying Office in an attempt to obtain a copy of the December 1985 topographical map. Kevin O'Brien of Ryan and Faulds informed TAT members Horton and Jones that the release of the topographical map of the Harco Property must be cleared by his client, G + D Construction, owned by Dick Gracey, Southbury, CT (Tel. No. 203-264-5328).
- 1400 Hrs: TAT members Horton and Jones visited the office of Roland Gardner in an attempt to obtain a copy of the 1968 property map. Mr. Gardner was not in.



DEED SEARCH (Cont.)

1500 Hrs: TAT members Horton and Jones departed Wilton, CT for the TAT office in Burlington, Massachusetts.

1730 Hrs: TAT members Horton and Jones arrive back at the TAT office.

A complete report with copies of the deeds can be found in the Deed Search Memorandum To The Site File (TAT document number M0013).

SITE INVESTIGATION

0830 Hrs: OSC Groulx and TAT member Killian met with the property owner, Costa Stergue, and his business associate Thomas King, at a local coffee shop.

0900 Hrs: OSC Groulx and TAT member Killian left the coffee shop for the site. Along the way, Costa Stergue stopped to point out where Gilbert & Bennett (manufacturer of metal hydroxide sludge) had deposited the sludge along the roadside.

0915 Hrs: OSC Groulx and TAT member Killian arrived at the site. (See Attachment I, Figure 1 for site diagram.) A site inspection walk through was performed to familiarize OSC Groulx with the site, in the possibility that a removal action is required. The site was assessed to determine the landscape and the locations of any surrounding residential areas. During this site walk through, OSC Groulx and TAT member Killian attempted, without success, to determine the location of the drum referenced in a previous site visit (September 1990).

0930 Hrs: TAT member Killian used the X-MET 880 XRF on surface soil samples to determine lead concentrations. The site was screened to determine contaminated areas. (See Attachment II, Figure 2 for screening locations and concentrations.)

1100 Hrs: TAT member Killian collected samples at locations designated by OSC Groulx. (See Attachment II, Figure 2 for sampling locations.) A total of seven surface soil samples and one nugget sample were collected for lead analysis at the U.S. EPA New England Regional Laboratory (NERL). These samples will be used as calibration standards in future site actions. The chain-of-custody form is included as Attachment II. The Sample Cards are included as Attachment III.



SITE INVESTIGATION (Cont.)

1110 Hrs: AES, Inc. representatives Raymond Levesque and Michael Sanginetti, the owner's prospective consultants, arrived at the site. TAT member Killian demonstrated the XRF instrument and continued to collect samples.

1209 Hrs: TAT member Killian photographed the site. The photodocumentation log is included as Attachment IV.

1330 Hrs: OSC Groulx departed site for the EPA office in Lexington, Massachusetts. TAT member Killian departed the site for the TAT office in Burlington, Massachusetts.

1710 Hrs: TAT member Killian arrived at the TAT office.

PFK/pfk
1719VIS.MEM (151)
M0014

ATTACHMENT I

Figures 1 and 2

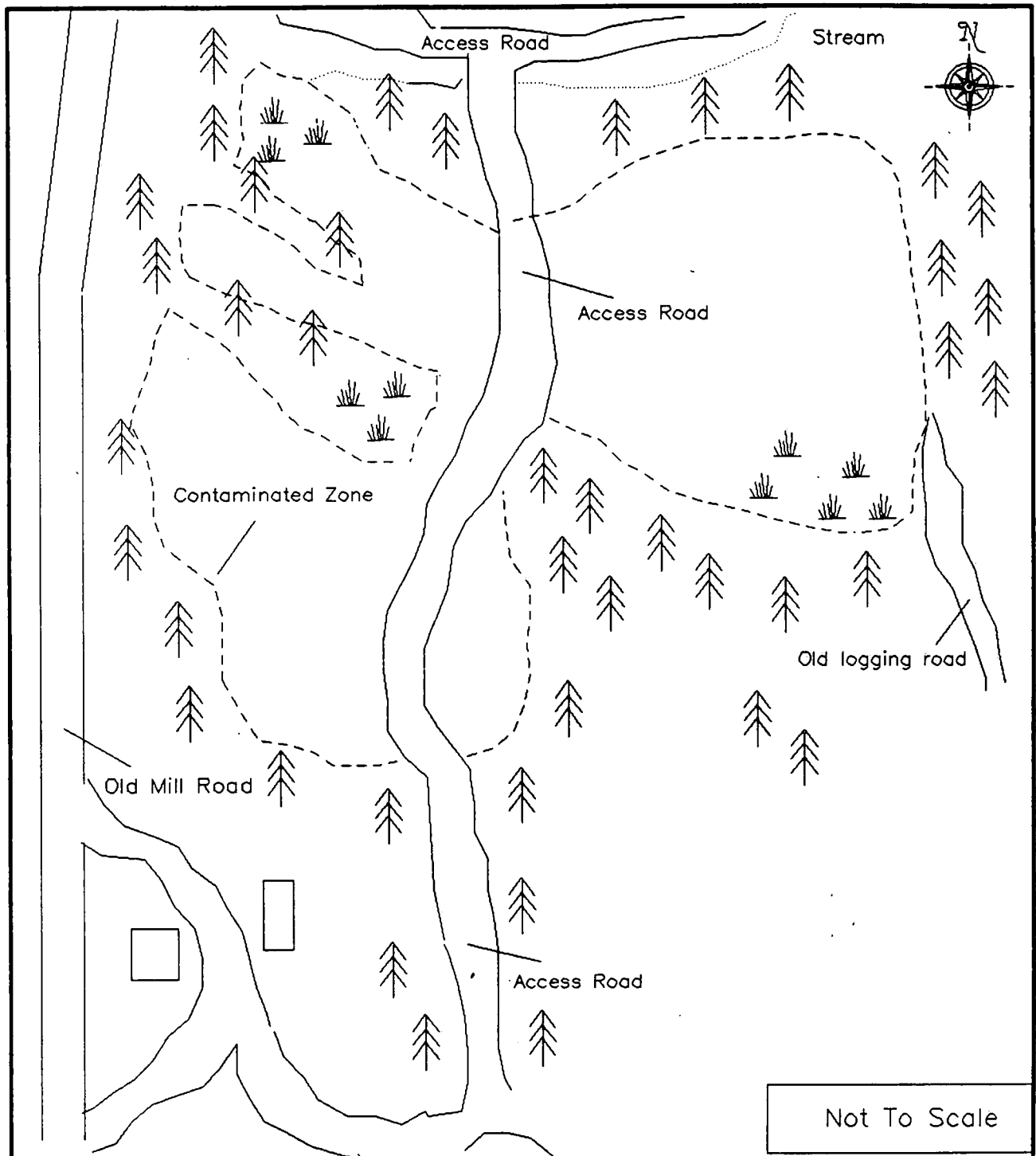


FIGURE 1
 Site Diagram
 HARCO PROPERTY
 Wilton, Connecticut
 January 28, 1992 Site Visit

WESTON

REGION I TECHNICAL ASSISTANCE TEAM

DRAWN Paul F. Killian	DATE 03/92	PCS # 1719
APPROVED Z#	DATE 3/92	TDD # 01-9201-01B

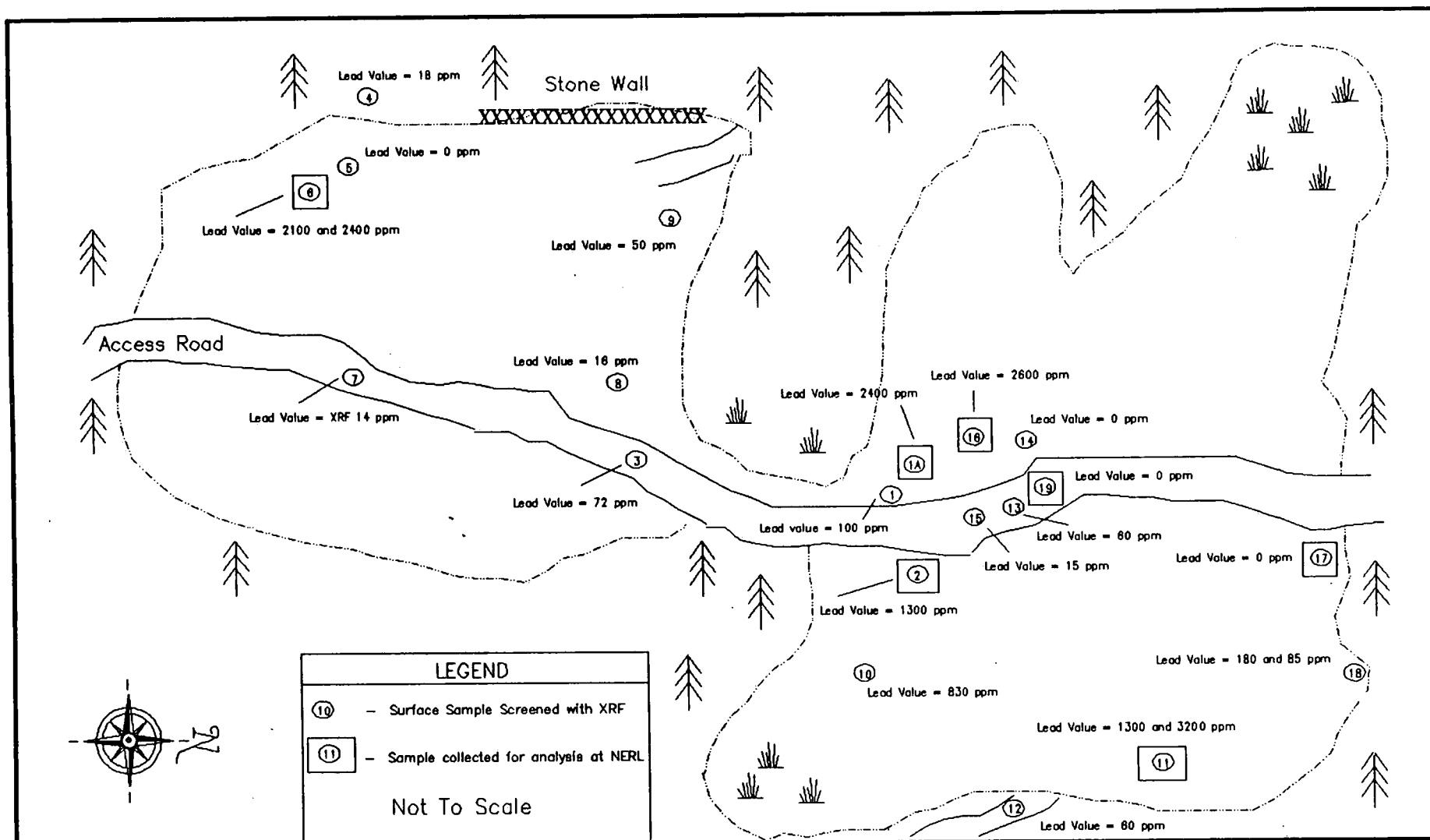


FIGURE 2
Sample Location Map
HARCO PROPERTY
Wilton, Connecticut
January 28, 1992 Site Visit

WESTON

REGION I TECHNICAL ASSISTANCE TEAM

DRAWN
Paul F. Killian

DATE
03/92

PCS #
1719

APPROVED
ZH

DATE
5/92

TDD #
01-9201-01B

ATTACHMENT II

Chain-of-Custody Form

**JFK Federal Building, Rm. 2203
Boston, Massachusetts 02203**

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

ATTACHMENT III

Sample Cards

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harco Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 40°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti
BOD
TSS
Turb
Organics
VOA's

☐
☐
☐
☐
☐
☐

NH₃
NO₂ + 3
TKN
T-P
O & G

☐
☐
☐
☐
☐

COD
PCB
X-Ray
Other _____

☐
☐
☐

METALS

Cd
Cu
Cr (T)
Cr (+6)

☐
☐
☐
☐

Total

Fe
Hg
Mn
Ni

☐
☐
☐
☐

Dissolved

Pb
Sn
Zn
Other _____

☒
☐
☐

Surface Soil

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N° 01663

PROJECT # ☐☐☐☐☐☐

STATION # 1A ☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1100

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐ - ☐

pH - S.U. ☐☐ - ☐

CONDUCTIVITY
(micromhos/cm) ☐☐ - ☐

SALINITY (0/00) ☐☐ - ☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐ - ☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harco Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 40°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti
BOD
TSS
Turb
Organics
VOA's

☐
☐
☐
☐
☐
☐

NH₃
NO₂ + 3
TKN
T-P
O & G

☐
☐
☐
☐
☐

COD
PCB
X-Ray
Other _____

☐
☐
☐

METALS

Cd
Cu
Cr (T)
Cr (+6)

☐
☐
☐
☐

Total

Fe
Hg
Mn
Ni

☐
☐
☐
☐

Dissolved

Pb
Sn
Zn
Other _____

☒
☐
☐

Surface Soil

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N° 01664

PROJECT # ☐☐☐☐☐☐

STATION # 16 ☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1103

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐ - ☐

pH - S.U. ☐☐ - ☐

CONDUCTIVITY
(micromhos/cm) ☐☐ - ☐

SALINITY (0/00) ☐☐ - ☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐ - ☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harc Property STATE CT

COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 40°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti	<input type="checkbox"/>	NH ₃	<input type="checkbox"/>	COD	<input type="checkbox"/>
BOD	<input type="checkbox"/>	NO ₂ + 3	<input type="checkbox"/>	PCB	<input type="checkbox"/>
TSS	<input type="checkbox"/>	TKN	<input type="checkbox"/>	X-Ray	<input type="checkbox"/>
Turb	<input type="checkbox"/>	T-P	<input type="checkbox"/>	Other	<input type="checkbox"/>
Organics	<input type="checkbox"/>	O & G	<input type="checkbox"/>		
VOA's	<input type="checkbox"/>				

METALS

Total

Dissolved

Cd ☐
Cu ☐
Cr (T) ☐
Cr (+6) ☐

Fe ☐
Hg ☐
Mn ☐
Ni ☐

Pb ☒
Sn ☐
Zn ☐
Other ☐

Surface Soil

*Unpreserved Sample

EPA R-1 7500-30

LAB CODE N^o 01665

PROJECT # ☐☐☐☐☐☐

STATION # ☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 11105

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐ . ☐

pH - S.U. ☐☐ . ☐

CONDUCTIVITY (micromhos/cm) ☐☐ . ☐

SALINITY (0/00) ☐☐ . ☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐ . ☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harc Property STATE CT

COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 40°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti	<input type="checkbox"/>	NH ₃	<input type="checkbox"/>	COD	<input type="checkbox"/>
BOD	<input type="checkbox"/>	NO ₂ + 3	<input type="checkbox"/>	PCB	<input type="checkbox"/>
TSS	<input type="checkbox"/>	TKN	<input type="checkbox"/>	X-Ray	<input type="checkbox"/>
Turb	<input type="checkbox"/>	T-P	<input type="checkbox"/>	Other	<input type="checkbox"/>
Organics	<input type="checkbox"/>	O & G	<input type="checkbox"/>		
VOA's	<input type="checkbox"/>				

METALS

Total

Dissolved

Cd ☐
Cu ☐
Cr (T) ☐
Cr (+6) ☐

Fe ☐
Hg ☐
Mn ☐
Ni ☐

Pb ☒
Sn ☐
Zn ☐
Other ☐

Surface Soil

*Unpreserved Sample

EPA R-1 7500-30

LAB CODE N^o 01666

PROJECT # ☐☐☐☐☐☐

STATION # 2 ☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 11120

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐ . ☐

pH - S.U. ☐☐ . ☐

CONDUCTIVITY (micromhos/cm) ☐☐ . ☐

SALINITY (0/00) ☐☐ . ☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐ . ☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harcos Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 24.0°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti ☐
BOD ☐
TSS ☐
Turb ☐
Organics ☐
VOA's ☐

NH₃ ☐
NO₂ + 3 ☐
TKN ☐
T-P ☐
O & G ☐

COD ☐
PCB ☐
X-Ray ☐
Other ☐

METALS

Total

Dissolved

Cd ☐
Cu ☐
Cr (T) ☐
Cr (+6) ☐

Fe ☐
Hg ☐
Mn ☐
Ni ☐

Pb ☒
Sn ☐
Zn ☐
Other ☐

Surface Soil

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N^o 01667

PROJECT # ☐☐☐☐☐☐

STATION # 6☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1125

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐.☐

pH - S.U. ☐☐.☐

CONDUCTIVITY (micromhos/cm) ☐☐.☐

SALINITY (0/00) ☐☐.☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐.☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harcos Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 24.0°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti ☐
BOD ☐
TSS ☐
Turb ☐
Organics ☐
VOA's ☐

NH₃ ☐
NO₂ + 3 ☐
TKN ☐
T-P ☐
O & G ☐

COD ☐
PCB ☐
X-Ray ☐
Other ☐

METALS

Total

Dissolved

Cd ☐
Cu ☐
Cr (T) ☐
Cr (+6) ☐

Fe ☐
Hg ☐
Mn ☐
Ni ☐

Pb ☒
Sn ☐
Zn ☐
Other ☐

Surface Soil

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N^o 01668

PROJECT # ☐☐☐☐☐☐

STATION # 17☐☐☐☐☐☐

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1150

SAMPLE TEMP °C ☐☐

PROBE-D.O. (mg/l) ☐.☐

pH - S.U. ☐☐.☐

CONDUCTIVITY (micromhos/cm) ☐☐.☐

SALINITY (0/00) ☐☐.☐

TOTAL DEPTH (ft) ☐☐

SAMPLING DEPTH (ft) ☐☐.☐

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harc Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR, OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 64°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti
BOD
TSS
Turb
Organics
VOA's

NH₃
NO₂ + 3
TKN
T-P
O & G

COD
PCB
X-Ray
Other

METALS

(Total)

Dissolved

Cd
Cu
Cr (T)
Cr (+6)

Fe
Hg
Mn
Ni

Pb
Sn
Zn
Other

Surface Soil

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N^o 01669

PROJECT #

STATION # 119

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1145

SAMPLE TEMP °C

PROBE-D.O. (mg/l)

pH - S.U.

CONDUCTIVITY
(micromhos/cm)

SALINITY (0/00)

TOTAL DEPTH (ft)

SAMPLING DEPTH (ft)

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION I

PROJECT Harc Property STATE CT
COLLECTOR Paul Killian

FIELD OBSERVATIONS: CLEAR, OVERCAST, RAIN, SNOW, FOG
PARTIAL CLOUDS (CIRCLE ONE)

AIR TEMP 64°F TIDE: HIGH, EBB, LOW, FLOOD

PARAMETERS (CHECK APPROPRIATE)

Bacti
BOD
TSS
Turb
Organics
VOA's

NH₃
NO₂ + 3
TKN
T-P
O & G

COD
PCB
X-Ray
Other

METALS

(Total)

Dissolved

Cd
Cu
Cr (T)
Cr (+6)

Fe
Hg
Mn
Ni

Pb
Sn
Zn
Other

Nugget

EPA R-1 7500-30

*Unpreserved Sample

LAB CODE N^o 01670

PROJECT #

STATION # 118

Y Y M M D D

DATE 9/20/28

COLLECTION TIME 1210

SAMPLE TEMP °C

PROBE-D.O. (mg/l)

pH - S.U.

CONDUCTIVITY
(micromhos/cm)

SALINITY (0/00)

TOTAL DEPTH (ft)

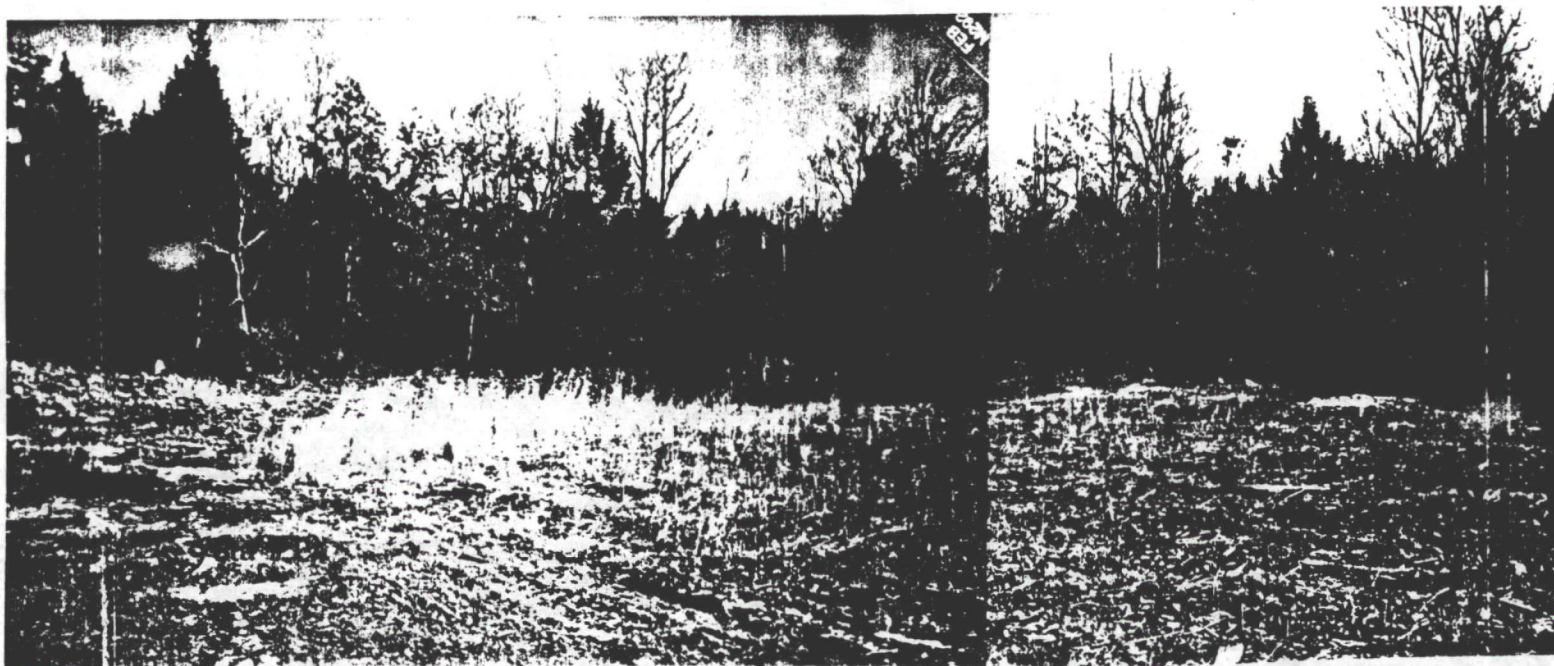
SAMPLING DEPTH (ft)

ATTACHMENT IV

Photodocumentation Log



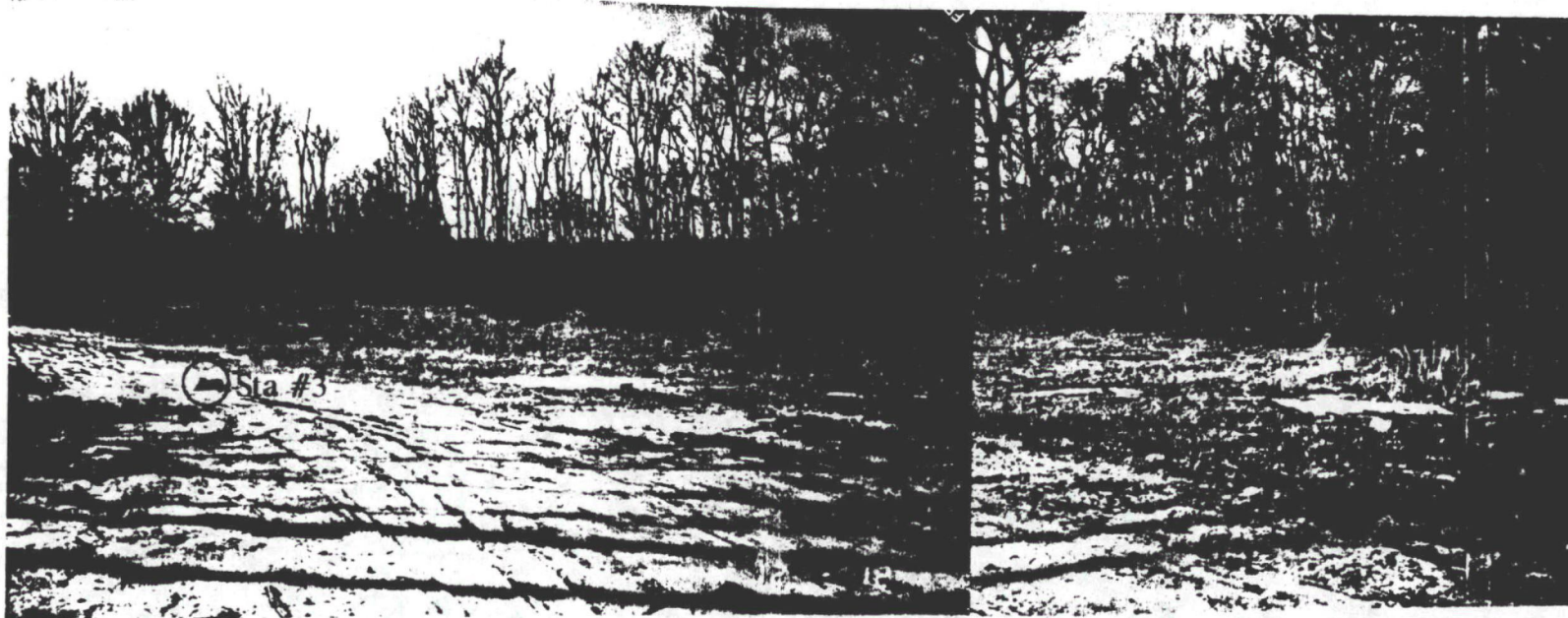
SCENE: Panoramic view from center of site looking north-northwest
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 1 DATE: 01/28/92 TIME: 1209 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805



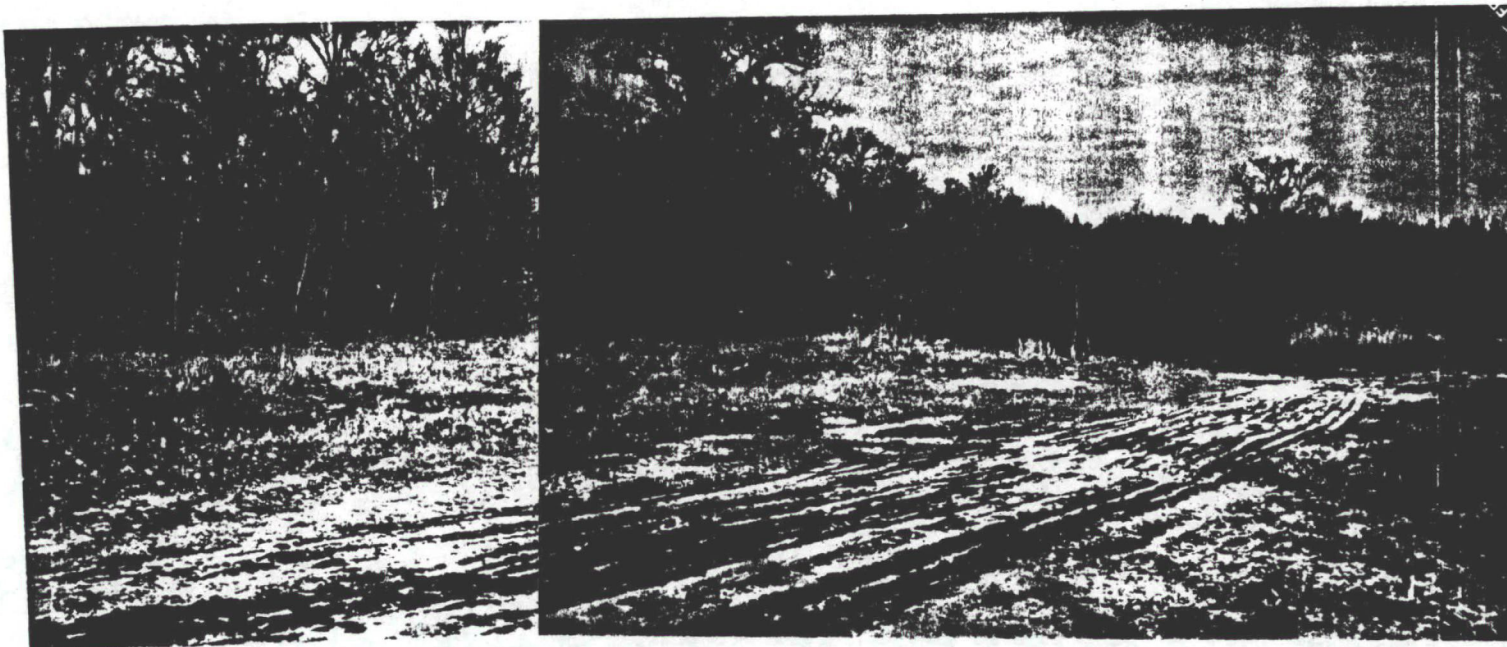
SCENE: Panoramic view from center of site looking north-northeast
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 4 DATE: 01/28/92 TIME: 1210 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx ,
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805



SCENE: Panoramic view from center of site looking south-southeast
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 6 DATE: 01/28/92 TIME: 1211 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx ,
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805



SCENE: Panoramic view from center of site looking west-southwest
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 10 DATE: 01/28/92 TIME: 1212 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805



SCENE: Panoramic view from entrance of site looking west-northwest
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 12 DATE: 01/28/92 TIME: 1213 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805



SCENE: Panoramic view from center of site looking west-northwest
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 15 DATE: 01/28/92 TIME: 1216 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx ,
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL: 9805

PHOTOGRAPHY LOG SHEET



SCENE: Sample locations 10 and 11
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 18 DATE: 01/28/92 TIME: 1217 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL:



SCENE: Sample locations 1A and 16
SITE NAME: HARCO PROPERTY LOCATION: Wilton, Connecticut
FRAME NUMBER: 19 DATE: 01/28/92 TIME: 1218 SKY CONDITION: Clear
PHOTO BY: Paul F. Killian WITNESSES: P. Groulx
CAMERA: Minolta SETTING: Automatic FILM TYPE: 35mm FILM ROLL:

PHOTOGRAPHY LOG SHEET

SCENE: Negatives

SITE NAME: HARCO PROPERTY

LOCATION: Wilton, Connecticut

FRAME NUMBER: 0 DATE: 01/28/92

TIME:

SKY CONDITION: Clear

PHOTO BY: Paul F. Killian WITNESSES: P. Groulx

CAMERA: Minolta

SETTING: Automatic

FILM TYPE: 35mm

FILM ROLL: 9805